



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.....09/635,988
Filing Date.....8/9/2000
Confirmation No.5702
Inventorship..... Thomas B. Brown
Applicant.....Microsoft Corporation
Group Art Unit.....2157
ExaminerHUSSEIN A.. EL CHANTI
Attorney's Docket No.MS1-565US
Title: Fast Dynamic Measurement of Bandwidth in a TCP Network Environment

INFORMATION DISCLOSURE STATEMENT

References -- See Attached Forms PTO/SB/08A and PTO/SB/08B

REMARKS

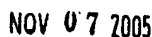
The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

The Commissioner is hereby authorized to charge payment of fees or credit overpayments to Deposit Account No. 12-0769 as set forth in 37 CFR §1.17(p).

Respectfully Submitted,

Date: Nov. 3, 2005

By: Marcia A. Tunheim
Marcia A. Tunheim
Reg. No. 42189



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	09/635,988
Filing Date	8/9/2000
First Named Inventor	Thomas D. Brown
Art Unit	2157
Examiner Name	HUSSEIN A. EL CHANT
Attorney Docket Number	MS1- 565US

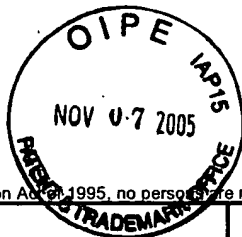
U. S. PATENT DOCUMENTS

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08B (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

2

of

2

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Application Number	09/635,988
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Art Unit	2157
Examiner Name	HUSSEIN A. EL CHANTI
Attorney Docket Number	MS1- 565US

NON PATENT LITERATURE DOCUMENTS

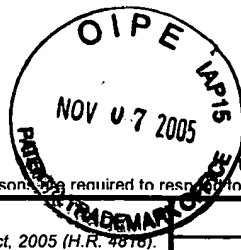
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		W. STEVENS, "TCP Slow Start, Congestion Avoidance, Fast Retransmit, and Fast Recovery Algorithms," RFC, January 1997, 6 pages.	
		J. NAGLE, "Congestion Control in IP/TCP Internetworks," RFC 896, January 6, 1984, 8 pages.	
		From the Internet: http://www.freesoft.org/CIE/Topics/83.htm , "TCP Protocol Overview," Connected: An Internet Encyclopedia, retrieved on May 31, 2000.	
		From the Internet: http://www.scit.wlv.ac.uk/~jphb/comms/tcp.html , "Transmission Control Protocol," retrieved on May 31, 2000.	
		G. Coulson, "A Distributed Object Platform Infrastructure for Multimedia Applications," Computer Communications, July 1998, 27 pages, Vol 21, No 9.	
		"Transmission Control Protocol Darpa Internet Program Protocol Specification," Information Sciences Institute University of Southern California, September 1981, 82 pages.	

Examiner
SignatureDate
Considered

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04)

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4816).

FEE TRANSMITTAL

For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

Complete if Known

Application Number	09/635,988
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First Named Inventor	Thomas B. Brown
Examiner Name	HUSSEIN A. EL CHANTI
Art Unit	2157
Attorney Docket No.	MS1 - 565US

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 12-0769 Deposit Account Name: Lee & Hayes, PLLC

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	48	Extra Claims		Fee (\$)	Fee Paid (\$)
18	- 20 or 48	0	x	50	= 0.00

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	17	Extra Claims		Fee (\$)	Fee Paid (\$)
5	- 3 or 17	0	x	200	= 0.00

HP = highest number of independent claims paid for, if greater than 3

Multiple Dependent Claims		Fee (\$)	Fee Paid (\$)

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
	- 100 =	/ 50 =	(round up to a whole number) x	=

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Information Disclosure Statement

Fees Paid (\$)

180.00

SUBMITTED BY

Signature	<i>Marcia A. Tunheim</i>	Registration No. (Attorney/Agent)	42189	Telephone	(206) 315-4001
Name (Print/Type)	Marcia A. Tunheim	Date	11/3/2005		

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